## SUMMARIES

Result			Query				
No.		Score	Match	Length	DB	ID	Description
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С	2	138.2	91.5	37155	3	US-09-949-016-16945	Sequence 16945, A
С	3	84.4	55.9	231	3	US-09-439-313-461	Sequence 461, App
С	4	84.4	55.9	231	3	US-09-352-616A-461	Sequence 461, App
С	5	84.4	55.9	231	3	US-09-636-215-461	Seguence 461, App
С	6	84.4	55.9	231	3	US-09-685-166A-461	Sequence 461, App
С	7	84.4	55.9	231	3	US-09-679-426-461	Sequence 461, App
С	8	84.4	55.9	231	3	US-09-759-143-461	Sequence 461, App
С	9	84.4	55.9	231	3	US-09-651-236-461	Sequence 461, App
С	10	84.4	55.9	231	3	US-09-657-279-461	Sequence 461, App
С	11	84.4	<b>5</b> 5.9	231	3	US-10-012-896-461	Sequence 461, App
С	12	84.4	55.8	231	5	US-10-144-678A-461	Sequence 461, App
	13	58	38.4	601	3	US-09-949-016-18/1089	Sequence 181089,
	14	52.2	34.6	601	3	US-09-949-016-181091	Sequence 181091,
	15	38.8	25.7	601	3	US-09-949-016-181092	Sequence 181092,
С	16	33.4	22.1	3/0/9	3	US-09-342-681C-115	Sequence 115, App
	17	33.4	22.1	36952	3	US-09-949-016-14786	Sequence 14786, A
	18	32.4	21.5	57726	\ 3	US-09-949-016-16430	Sequence 16430, A
	19	32.2	21.3	162450	18	US-09-345-882-1	Sequence 1, Appli
	20	, 32.2	21.3	162450	3	US-10 <b>-</b> 071-179-1	Sequence 1, Appli
	21	32	21.2	6759	3 `	US-09-949-016-13689	Sequence 13689, A
	22	32	21.2	8798	3	09-949-016-14609	Sequence 14609, A
	23	31.8	21.1	53526	3	U <b>x</b> 08-658-136-2	Sequence 2, Appli
	24	31.8	21.1	53577	3	S-Q8-658-136-1	Sequence 1, Appli
	25	31.8	21.1	53577	3/	US-08-460-215A-1	Sequence 1, Appli
· C	26	31.6	20.9	1734	ß	US-08\630-915A-23	Sequence 23, Appl
С	27	31.6	20.9	1734/	<b>/</b> 3	US-09-879-957-23	Sequence 23, Appl
С	28	31.6	20.9	263/2	3	US-09-9 <b>\</b> 9-016-4837	Sequence 4837, Ap
C	29	31.6	20.9	2 <b>7</b> 52	3	US-09-91 <b>\</b> -039-71	Sequence 71, Appl
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	32	30.6	20.3	1716	4	US-10-154-419-14	Sequence 14, Appl
	33	30.6	20 /3	1917	4	US-10-154-419-12	Sequence 12, Appl
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	35	30.6	20.3	129778	3	US-09-949-016-1 <b>2</b> 191	Sequence 12191, A
	36	30.6	20.3	129778	3	US-09-949-016-17 <b>0</b> 75	Sequence 17075, A
	37	30.4	20.1	634	3	US-09-364-206-11	Sequence 11, Appl
	38	30.4	20.1	1621	3	US-09-958-413A-4	Sequence 4, Appli
	39	30.4	20.1	83617	3	US-09-949-016-12254	Sequence 12254, A
	40	\$0.2	20.0	5869	4	US-09-880-107-3839	Sequence 3839, Ap
	41	30.2	20.0	7594	3	US-09-949-016-17582	Sequence 17582, A
	42	30.2		4403765	3	•	Sequence 2, Appli
	· 43 /	30.2		4411529		•	Sequence 1, Appli
С	44	30	19.9	1921	3	US-09-016-434-1168	Sequence 1168, Ap
С	45	30	19.9	1925	2	US-08-435-454-3	Sequence 3, Appli

## ALIGNMENTS

## RESULT 1

US-09-949-016-181090

- ; Sequence 181090, Application US/09949016
- ; Patent No. 6812339
- ; GENERAL INFORMATION:
- APPLICANT: VENTER, J. Craig et al.

```
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
  TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
  FILE REFERENCE: CL001307
  CURRENT APPLICATION NUMBER: US/09/949,016
  CURRENT FILING DATE: 2000-04-14
  PRIOR APPLICATION NUMBER: 60/241,755
  PRIOR FILING DATE: 2000-10-20
  PRIOR APPLICATION NUMBER: 60/237,768
  PRIOR FILING DATE: 2000-10-03
  PRIOR APPLICATION NUMBER: 60/231,498
  PRIOR FILING DATE: 2000-09-08
  NUMBER OF SEQ ID NOS: 207012
  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 181090
   LENGTH: 601
   TYPE: DNA
   ORGANISM: Human
US-09-949-016-181090
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                      91.5%;
 Best Local Similarity 97.9%; Pred. No. 2.7e-33;
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 Matches 140; Conservative
                                            3;
                                               Indels .
          Qy
            Db
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        431 CCACTCTCGCTTTGCTGCCTCCC 453
Db
RESULT 2
US-09-949-016-169\45/c
; Sequence 16945, Application US/099490/16
; Patent No. 6812339
; GENERAL INFORMATION:
 APPLICANT: VENTER,
                   J. Craig et/al.
  TITLE OF INVENTION: ROLYMORPHISMS IN KNOWN GENES ASSOCIATED
                    WITH HOMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
  TITLE OF INVENTION:
  FILE REFERENCE: CL00130↑
 CURRENT APPLICATION NUMBER: US/09/949,016
 CURRENT FILING DATE:
                      2000-04-14
 PRIOR APPLICATION NUMBER: 60 241,755
  PRIOR FILING DATE: 2000-10-20
  PRIOR APPLICATION NUMBER: 60/237,768
  PRIOR FILING DATE: 2000-10-03
  PRIOR APPLICATION NUMBER: 60/231,498
  PRIOR FILING PATE: 2000-09-08
  NUMBER OF SEX ID NOS: 207012
  SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 1,6945
   LENGTH: $7155
   TYPE: DNA
   ORGANISM: Human
US-09-949-016-16945
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